NIDA	FORM	274
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U.S. NUCLEAR REGULATORY COMMISSION

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	Amendn	nent	No.	13	

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified

below. (1/C 03/2)	315433	
Licensee	In accordance with letter dated	
	May 4, 2006,	
1. City of Lee's Summit 3. License number 24-24640-01 is amended		
	its entirety to read as follows:	
2. 207 S.W. Market	4. Expiration date April 30, 2011	
Lee's Summit, MO 64063	5. Docket No. 030-29042	
	Reference No.	
6. Byproduct, source, and/or special nuclear material A. Cesium-137 A. Sealed sources re	8. Maximum amount that licensee may possess at any one time under this license	
, coalan ta	egistered either A. 2 sources not to exceed	
with NRC under 1 or with an Agreem incorporated in a continuous co	compatible specific to the spe	
9. Authorized use	* *	
	Inc. Model 5001 and CPN Corporation Model MC- auges for measuring physical properties of materials.	

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 220 SE Green Street, Lee's Summit, Missouri and may be used at temporary job sites of the licensee anywhere in the United States where the U. S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

- 11. A. The Radiation Safety Officer (RSO) for this license is Shawn Graff.
 - B. The Alternate Radiation Safety Officer (ARSO) for this license is Bill Lyon.
 - C. Before assuming the duties and responsibilities as RSO for this license, future RSOs shall have successfully completed one of the training courses described in Criteria in Section 8.8 of NUREG-1556, Volume 1, dated May 1997.
- 12. Licensed material shall only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in the application dated February 26, 2001.
- 13. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration is sued by NRC under 10 CFR 32.210 or by an Agreement State.
 - B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by NRC under 10 CFR 32.210 or by an Agreement State prior to the transfer, a sealed source or detector cell received from another person shall not be put into use unit
 - C. Sealed sources need not be tests to be as in storage and are not being used. However, when they are removed rom storage to be or transferred to ther person, and have not been tested within the required leak test into the storage and the storage are storage as the storage and the storage are storage as the storage are
 - D. The leak test shall be capable that the state of 0.005 microcurie (185 Becquerels) of radioactive material on the test sample. It reveals the presence of 0.005 microcurie (185 Becquerels) or more of removable containing, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50 (c)(2), and the source shall be removed immediately from service and decentaminated, repaired or disposed of in accordance with Commission regulations.
 - E. Tests for leakage and/or contamination shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services. In addition, the licensee is authorized to collect leak test samples but not perform the analysis: analysis of leak samples must be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
- 14. Sealed sources or source rods containing licensed material shall not be opened or sources removed or detached from source rods or gauges by the licensee, except as specifically authorized.

- 15. Except for maintaining labeling as required by 10 CFR Part 20 or 71, the licensee shall obtain authorization from NRC before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Certificates of Registration issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.
- 16. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by NRC, to account for all sources and/or devices received and possessed under the license.
- 17. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
- 18. Each portable nuclear gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport. A minimum of two independent physical controls that form tangible barriers to secure portable gauges from unauthorized removal whenever the portable gauge is not under the control and constant surveillance of the licensee are required.
- 19. Any cleaning, maintenance, of repair of the gauges that requires detaching the source or source rod from the gauge shall be performed on the manufacturer or other tersons specifically licensed by the Commission or an Agreement State Commission or an Agreement
- 20. A. If the licensee uses unshielded set the sourcesup xtends are than 3 feet below the surface, the licensee shall use surface pasitive and other appropriate procedures as ible to the surface and other appropriate procedures as ible to the case hole free of obstruction before making measurements.
 - B. If a sealed source or a probe containing state of ources becomes lodged below the surface and it becomes apparent that efforts to recover the sealed source of probe may not be successful, the licensee shall notify the U.S. Nuclear Regulatory Combission and submit the report required by 10 CFR 30.50(b)(2) and (c). The licensee shall not a sind on the sealed source or probe without obtaining the Commission's prior written consent.
- 21. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

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MATERIALS LICENSE SUPPLEMENTARY SHEET	License Number 24-24640-01	_		·			
		Docket or Reference Numb	per				
	Amendment No. 13	•					

- A. Application dated February 26, 2001(excluding reference to Humboldt Scientific, Inc. Model No. EZ122); and
- B. Letters dated May 31. 2001, March 8, 2005, March 9, 2006, and May 4, 2006.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JUN 0 7 2006

James R. Mullauer, M.H.S. Materials Licensing Branch

Region III